

TABLE 105. Federal obligations for applied research, by agency: FYs 1991–2001

(Dollars in millions)

Agency	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All agencies	11,797.6	12,000.7	13,491.4	13,887.7	14,557.4	13,795.7	14,423.4	15,309.3	16,083.9	18,900.8	22,755.6
Departments											
Department of Agriculture	617.9	665.8	635.8	716.2	703.8	670.0	700.0	730.1	744.8	803.5	900.6
Agricultural Cooperative Service	2.8	3.4	2.9	3.7	na	na	na	na	na	na	na
Agricultural Marketing Service	3.7	4.1	4.1	4.2	4.2	4.2	4.2	4.0	4.0	4.3	4.1
Agricultural Research Service	241.1	257.1	233.3	257.9	259.6	256.6	261.3	288.0	316.4	327.3	358.0
Animal and Plant Health Inspection Service	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	na	na	
Economic Research Service	46.8	50.6	48.3	45.3	48.4	47.7	47.7	64.4	56.2	57.7	59.1
Food Safety Inspection Service	na	na	na	na	na	na	na	na	na	1.6	1.8
Foreign Agricultural Service	0.0	0.0	0.0	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6
Forest Service	103.6	106.9	107.8	156.5	154.8	143.0	137.4	143.0	88.7	100.4	106.7
Grain Inspection, Packers, and Stockyards Administration	0.7	1.5	1.8	1.8	0.3	0.5	0.6	0.5	0.0	0.7	
Human Nutrition Information Service	9.9	10.7	8.4	7.0	na	na	na	na	na	na	na
National Agricultural Statistics Service	2.2	2.4	2.6	2.6	2.7	2.5	2.3	2.2	2.4	2.6	2.8
National Institute of Food and Agriculture <sup>a</sup>	206.4	228.6	226.2	234.3	231.7	213.7	243.6	223.0	272.9	305.2	365.2
Office of International Cooperation and Development	0.7	0.4	0.4	0.0	na	na	na	na	na	na	na
Rural Business-Cooperative Service	na	na	na	2.4	1.6	1.4	2.5	4.4	3.5	3.1	2.4
Department of Commerce	415.4	561.4	544.9	678.2	853.1	813.1	768.8	767.4	798.9	849.6	763.4
Economic Development Administration	1.4	0.5	0.0	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
National Institute of Standards and Technology	92.5	115.8	136.4	167.5	333.1	318.2	293.3	266.7	266.9	268.3	283.3
National Oceanic and Atmospheric Administration	315.6	438.7	401.4	502.7	510.4	480.8	468.8	491.7	523.7	574.1	470.8
National Telecommunications and Information Administration	3.6	4.0	4.2	4.8	6.4	11.9	3.8	3.8	3.8	4.0	4.2
Office of the Secretary	0.0	0.0	0.0	0.0	*	*	0.0	0.0	na	na	na
U.S. Census Bureau	2.3	2.4	2.9	2.5	2.6	1.6	2.4	4.6	3.8	2.5	4.7
Department of Defense	2,723.8	2,974.5	3,515.2	3,040.0	2,950.1	2,857.6	2,786.9	2,939.1	3,102.1	3,690.2	4,796.9
Defense agencies and activities	944.7	1,162.9	1,469.2	1,381.7	1,218.6	1,211.1	1,088.2	1,258.7	1,343.9	1,482.2	1,633.4
Department of the Air Force	621.2	584.7	669.1	571.9	627.7	654.4	628.5	551.3	573.4	843.1	1,654.8
Department of the Army	671.9	727.8	802.8	639.3	633.3	475.3	531.7	635.9	667.3	765.6	879.7
Department of the Navy	486.0	499.0	574.1	447.0	470.5	516.8	538.5	493.2	517.5	599.3	629.0
Department of Education	123.1	119.5	128.3	131.2	132.8	132.1	135.0	146.7	146.6	161.5	180.9
Department of Energy	1,587.2	1,676.1	1,685.4	1,679.2	1,825.6	1,432.5	1,596.8	1,758.7	1,788.0	1,925.0	2,297.6
Department of Health and Human Services	3,112.4	2,886.8	3,495.9	3,852.5	4,014.9	4,041.3	4,376.3	4,663.1	5,082.1	7,857.7	9,056.3
Administration for Children and Families	13.5	34.3	18.5	10.4	11.2	12.6	17.4	23.5	24.9	27.3	28.4
Administration on Aging	2.9	2.5	2.7	3.5	3.0	0.2	0.2	2.4	2.4	2.8	3.7
Agency for Healthcare Research and Quality	93.0	97.8	105.6	141.2	124.0	116.0	134.1	138.8	171.3	186.7	248.1
Agency for Toxic Substances and Disease Registry	na	na	na	na	na	na	na	na	na	14.7	13.1
Alcohol, Drug Abuse, and Mental Health Administration	463.9	na	na	na	na	na	na	na	na	na	na
Ctrs. for Disease Control and Prevention	113.4	146.9	162.5	206.8	317.4	296.7	323.0	343.6	433.3	505.0	544.0
Ctrs. for Medicare and Medicaid Services	69.1	75.5	68.2	80.0	74.5	52.7	43.6	51.2	49.7	61.5	138.0

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Food and Drug Administration	125.0	135.7	154.5	169.4	170.5	170.8	158.6	142.9	130.8	144.2	151.6
Health Resources and Services Administration	9.5	8.8	8.5	9.8	11.2	10.1	12.1	11.9	11.6	34.5	13.9
National Institutes of Health	2,193.5	2,341.3	2,942.9	3,197.4	3,273.6	3,373.3	3,669.0	3,934.9	4,244.2	6,864.2	7,890.5
Office of the Assistant Secretary for Health	9.6	6.0	0.0	0.0	0.0	na	na	na	na	na	na
Office of the Secretary	8.8	5.0	8.0	11.7	9.1	9.0	18.4	13.9	13.9	16.7	24.9
Office of the Assistant Secretary, Planning and Evaluation	na	na	na	na	na	9.0	18.4	13.9	13.9	16.7	24.9
Social Security Administration	10.2	33.0	24.5	22.2	20.4	na	na	na	na	na	na
Department of Housing and Urban Development	9.4	8.8	8.1	13.7	14.2	11.2	11.3	9.2	19.1	15.5	17.9
Department of the Interior	324.1	339.7	349.8	566.9	477.3	486.0	496.2	454.1	550.9	496.6	511.0
Bureau of Land Management	4.8	5.3	7.4	0.0	0.0	0.0	0.0	0.0	na	na	na
Bureau of Mines	56.2	59.2	60.4	70.0	0.0	na	na	na	na	na	na
Bureau of Ocean Energy Management, Regulation and Enforcement <sup>b</sup>	2.7	3.8	5.8	20.6	20.0	21.9	20.6	29.3	28.8	29.2	24.5
Bureau of Reclamation	7.7	10.7	7.4	5.5	6.0	4.9	5.4	6.6	7.7	7.4	7.3
National Biological Service	na	na	0.0	135.4	125.8	na	na	na	na	na	na
National Park Service	27.5	31.1	37.5	23.6	19.2	19.7	25.5	29.2	22.9	34.2	8.3
Office of Surface Mining, Reclamation, and Enforcement	1.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	na	na	na
Office of the Secretary	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	na	na	na
U.S. Fish and Wildlife Service	64.8	64.8	64.8	0.0	0.0	0.0	0.0	0.0	na	na	na
U.S. Geological Survey	159.3	164.3	165.9	311.9	306.2	439.5	444.8	389.0	491.5	425.8	470.9
Department of Justice	14.7	15.0	20.5	20.0	17.7	19.5	20.1	26.0	36.2	27.8	36.8
Bureau of Prisons	1.9	2.5	2.5	2.1	3.2	3.1	1.9	4.3	7.4	3.4	8.5
Drug Enforcement Administration	0.9	0.1	*	0.1	0.0	*	*	0.0	na	na	na
Immigration and Naturalization Service	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.0	na	na	na
Office of Justice Programs	11.5	12.0	17.6	17.4	14.1	16.1	17.8	21.7	28.8	24.4	28.3
Department of Labor	24.0	23.6	13.4	13.7	16.6	15.2	10.4	11.0	16.6	35.1	18.7
Bureau of Labor Statistics	7.5	7.6	1.5	1.5	1.5	1.8	1.3	1.3	1.3	1.3	8.1
Employee Benefits Security Administration	2.5	2.6	2.6	2.7	3.6	2.3	2.0	2.7	2.5	2.7	3.3
Employment and Training Administration	6.3	5.4	3.3	2.9	4.2	2.6	1.5	2.2	8.8	25.0	0.0
Occupational Safety and Health Administration	2.6	3.1	2.5	3.3	4.4	6.6	5.5	4.6	3.8	5.8	5.7
Office of the Secretary	4.7	4.1	2.9	3.1	2.9	1.8	0.1	0.1	0.2	0.3	1.5
Pension Benefit Guaranty Corp.	0.4	0.8	0.7	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Department of State	1.3	0.7	0.5	0.4	0.5	0.9	1.0	0.9	1.5	1.5	2.2
Department of Transportation	114.6	155.7	224.4	270.4	323.9	336.7	343.7	366.1	416.0	328.2	422.7
Federal Aviation Administration	24.0	30.1	59.8	79.5	83.3	130.6	159.4	151.6	142.3	164.4	186.1
Federal Highway Administration	46.1	72.0	90.1	131.2	156.3	135.4	111.6	134.6	187.2	76.7	135.3
Federal Motor Carrier Safety Administration	na	na	na	na	na	na	na	na	na	2.8	8.0
Federal Railroad Administration	13.2	18.9	20.9	16.1	22.5	21.3	18.2	21.2	20.3	24.2	23.8
Federal Transit Administration	0.0	0.0	10.9	7.8	10.9	5.6	6.0	7.4	4.8	0.0	0.0
Maritime Administration	1.7	1.8	1.7	1.7	2.5	0.0	0.0	0.0	na	na	na
National Highway Traffic Safety Administration	21.4	25.8	31.6	25.3	39.7	33.2	36.4	41.6	50.4	50.6	58.3

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Office of the Secretary	0.6	0.7	0.6	0.6	0.6	0.0	0.0	0.0	na	na	na
Research and Special Programs Administration	1.4	1.4	0.5	2.6	3.2	5.6	6.3	4.6	6.0	4.5	5.2
U.S. Coast Guard	6.4	5.0	8.2	5.6	4.9	5.0	5.7	5.1	5.1	5.0	5.9
Department of the Treasury	20.6	17.2	4.6	9.2	48.9	50.4	50.8	52.5	50.7	51.2	63.2
Bureau of Engraving and Printing	2.7	1.8	3.2	1.6	1.3	1.5	1.6	2.6	2.0	2.6	4.7
Internal Revenue Service	13.9	13.9	0.0	6.1	45.8	47.5	47.9	47.9	48.0	47.4	56.6
Office of Thrift Supervision	3.0	0.8	0.7	0.5	0.6	0.5	0.6	0.7	0.1	0.1	0.1
U.S. Customs Service	0.5	0.2	0.1	0.5	0.7	0.5	0.4	0.8	0.0	0.0	1.0
U.S. Secret Service	0.4	0.5	0.6	0.5	0.5	0.5	0.4	0.5	0.5	1.0	0.7
Department of Veterans Affairs	177.7	185.2	194.1	209.1	206.4	222.8	217.4	149.1	183.8	185.4	196.1
Other agencies											
Advisory Commission on Intergovernmental Relations	1.7	1.7	2.1	1.4	1.4	na	na	na	na	na	na
Agency for International Development	351.7	294.2	350.8	214.4	270.4	203.0	176.5	171.1	163.7	189.2	239.1
Appalachian Regional Commission	0.7	1.9	0.9	0.9	0.9	0.9	0.9	0.7	0.8	0.6	0.7
Broadcasting Board of Governors	na	na	na	na	na	na	na	na	na	0.1	*
Consumer Product Safety Commission	0.9	0.8	0.8	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Environmental Protection Agency	261.9	293.9	272.4	301.0	331.3	329.1	358.0	419.8	400.0	352.1	276.2
Federal Communications Commission	1.4	1.6	1.6	1.7	2.3	2.8	3.1	3.0	4.5	2.8	2.7
Federal Trade Commission	1.0	1.3	0.9	0.7	0.6	0.5	0.7	1.1	1.3	0.7	0.7
Library of Congress	1.3	1.4	1.4	1.5	1.6	1.6	0.5	0.5	0.5	0.6	2.0
National Aeronautics and Space Administration	1,665.6	1,491.1	1,748.6	1,876.7	2,067.9	1,897.1	2,090.1	2,389.9	2,317.0	1,658.5	2,706.6
National Archives and Records Administration	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
National Science Foundation	109.0	126.9	138.1	169.7	176.0	181.0	191.8	170.7	146.5	185.5	180.9
Nuclear Regulatory Commission	108.8	119.0	119.8	90.7	88.2	70.9	62.1	51.7	49.0	53.0	53.0
Social Security Administration	na	na	na	na	na	11.5	13.6	17.4	53.3	28.8	28.9
Tennessee Valley Authority	16.9	22.2	18.1	17.0	17.4	3.9	4.0	0.8	na	na	na
U.S. Arms Control and Disarmament Agency	0.4	2.1	1.5	1.3	1.1	0.7	1.2	1.2	na	na	na
U.S. Information Agency	0.1	0.0	1.1	0.6	0.3	0.1	0.2	0.3	0.1	na	na
U.S. International Trade Commission	9.9	12.3	12.2	9.4	12.2	3.2	5.7	7.2	9.7	0.0	0.0

\* = amount greater than \$0 but less than \$50,000. na = not applicable; agency or subagency did not exist as such or in that organization in that year.

<sup>a</sup> Cooperative State Research, Education, and Extension Service changed its name to National Institute of Food and Agriculture in FY 2008.

<sup>b</sup> Minerals Management Service changed its name to Bureau of Ocean Energy Management, Regulation and Enforcement in FY 2010.

NOTES: Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in table. In FY 2000 National Aeronautics and Space Administration reclassified Space Station as physical asset, reclassified Space Station Research as equipment, and transferred funding for program from R&D to R&D plant; National Institutes of Health reclassified all its development activities as research. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.